

CLAIMS:

1. An emulsifying composition which includes  
an ethoxylated alkylphenol;  
a fatty acid amide;  
5 naphtha; and  
oleic acid.
2. A composition as claimed in Claim 1, in which the ethoxylated  
alkylphenol is polyoxyethylene (POE)-nonylphenol.
3. A composition as claimed in Claim 1, in which the fatty acid amide  
10 is a fatty acid dialkanolamide.
4. A composition as claimed in Claim 3, in which the fatty acid dialkanol  
amide is coconut diethanolamide.
5. A composition as claimed in Claim 1, in which the naphtha is heavy  
naphtha.
- 15 6. A composition as claimed in Claim 1, in which the ethoxylated  
alkylphenol is a polyoxyethylene-nonylphenol, the fatty acid amide is coconut  
diethanolamide and the naphtha is heavy naphtha, and in which the composition  
contains one part polyoxyethylene-nonylphenol, two parts coconut diethanolamide,  
two parts heavy naphtha and one part oleic acid, by volume.
- 20 7. A hydrocarbon fuel which includes a composition as claimed in Claim  
1.
8. A hydrocarbon fuel as claimed in Claim 7, which includes up to 40%  
water, by volume.

9. A hydrocarbon fuel as claimed in Claim 8, which includes up to 25% water, by volume.

10. A hydrocarbon fuel as claimed in Claim 7, which includes between 1.5% and 2%, by volume, of the emulsifying composition.

5 11. A method of forming a hydrocarbon fuel and water emulsion which includes adding an ethoxylated alkylphenol, a fatty acid amide, naphtha and oleic acid to a hydrocarbon fuel to form a mixture and adding water to said mixture.

12. A method as claimed in Claim 11, which includes forming an additive composition containing the ethoxylated alkylphenol, the fatty acid amide, the oleic  
10 acid and the naphtha and adding said additive composition to the hydrocarbon fuel.

13. A method as claimed in Claim 12, in which the additive composition includes one part polyoxyethylene-nonylphenol, two parts coconut diethanolamide, one part oleic acid, by volume, and two parts heavy naphtha, by volume.

14. A method as claimed in Claim 12, in which the additive composition  
15 is formed by mixing its constituents in the order polyoxyethylene-nonylphenol, coconut diethanolamide, oleic acid and naphtha.